U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Ringwood Mines/Landfill Site - Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region II

Subject: **POLREP #8**
Progress
Ringwood Mines/Landfill Site

Ringwood, NJ
Latitude: 41.1390878 Longitude: -74.2701267

To: Scott Heck, Borough of Ringwood

From: Andrew Confortini, OSC
Date: 9/18/2012
Reporting Period: 09/10/2012 through 09/17/2012

1. Introduction

1.1 Background

Site Number:	0262	**Contract Number:**	EPS2-10-03
D.O. Number:	#0041	**Action Memo Date:**	9/26/2011
Response Authority:	CERCLA	**Response Type:**	Time-Critical
Response Lead:	EPA	**Incident Category:**	Removal Action
NPL Status:	NPL	**Operable Unit:**	
Mobilization Date:	5/29/2012	**Start Date:**	10/31/2011
Demob Date:		**Completion Date:**	
CERCLIS ID:	NJD980529739	**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category

Residential area situated near inactive mine and landfill with surficial dumps and refuse disposal area.

1.1.2 Site Description

The estimated 440-acre Ringwood Mines/Landfill Site is located in a historic iron mining district in the Borough of Ringwood. The Site is located at approximately one mile northwest of Borough of Ringwood in Passaic County, New Jersey and is consisted of about 50 residential properties located on Peters Mine Road, Van Dunk Lane, Canon Mine Road, Petzold Lane, Horse Shoe Bend Road and Margaret King Avenue. There are approximately 200 residents that live in homes which encompasses the Site. Site features include abandoned mine shafts and pits, inactive landfills and open waste dumps. During the late 1960s and early 1970s, the Site was used for the disposal of paint sludge and other waste generated at the Ford Motor Company's Mahwah facility. The Site was originally added to the National Priorities List of abandoned hazardous waste sites in 1983.

1.1.2.1 Location

The Ringwood Mines/Landfill Site is located in a historic iron mining district in the Borough of Ringwood, Passaic County, New Jersey.

1.1.2.2 Description of Threat

Sampling and analysis conducted at the Site and on the properties by the NJDEP have identified the presence of lead. Lead is a CERCLA hazardous substance as defined in Section 101(14) of CERCLA, 42 U.S.C. § 9601(14), and it is listed as hazardous substance in 40 CFR Table 302.4.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Soil samples collected from eleven residential properties by NJDEP contained concentrations of lead in at least one quadrant greater than 400ppm. The results in surface soil sampled at 0-6” ranged from 22ppm to 10,000ppm. The results for lead in subsurface soil samples at 6-12” ranged from 7.4ppm to 4,400ppm. The results for lead in subsurface soil samples at 12-18” ranged from 9.4ppm to 22,000ppm. The results for lead in subsurface soil samples at 18-24” ranged from 5.7ppm to 600ppm. The results for lead in subsurface soil samples from the two foot to five foot depth interval ranged from 17ppm to 490ppm.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

During the reporting period, contractor personnel continued final restoration work at the last property at the

southern end of Van Dunk Lane. During this work, an area of surficial moisture was observed. Because the majority of the area remediated previously was located above the septic leach field, an investigation was conducted to determine whether a lateral line had been damaged. During this investigation, additional paint sludge was observed below the gravel infiltration bed.

Further excavation within this area verified the presence of a flow of paint sludge extending from the utility right-of-way towards the house. Based upon field measurements, the depth to the top of the flow (3 to 7.5-feet) became deeper as the excavation expanded toward the house. Due to maximum excavation depth limitations with equipment on-site, larger equipment was requested. In order to secure the area until the equipment arrived, the excavation was lined with plastic sheeting and backfilled with clean material.

On September 17, two test pits were installed adjacent to the house to determine if sludge continued on the same path observed the previous week. Each test pit was excavated to approximately 11-feet below. Based upon field screening instrumentation and visual inspection of the material, no paint sludge or contamination was identified.

As a precautionary measure, two summa canister sampling ports were installed within the basement floor and air samples collected on September 18, 2012.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

2.1.4 Progress Metrics

Waste Stream	***Medium***	***Quantity***	***Manifest #***	***Treatment***	***Disposal***
Non RCRA, Non DOT Regulated Material	Soil	~392 tons	282516 thru 292532	N/A	Cumberland County Landfill 135 Vaughn Road Shippensburg, PA 17257
Non RCRA, Non DOT Regulated Material	Soil	415 tons	001 thru 016	N/A	Atlantic County Utility Authority, Egg Harbor Township, NJ

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

* On September 24, 2012, the excavation of the paint sludge flow will resume. This work is anticipated to be completed by September 28, 2012.

2.2.2 Issues

None.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

2.5.2 Liaison Officer

2.5.3 Information Officer

- Pat Seppi, EPA Community Involvement Coordinator

3. Participating Entities

No information available at this time.

4. Personnel On Site

- Andrew L. Confortini, OSC
- Gezahegne Bushra, OSC
- Joe Gowers, RPM
- Joseph Overend III, ERRS RM
- Tim Benton, RST 2 SPM
- Scott Synder, RST 2 SPM

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.